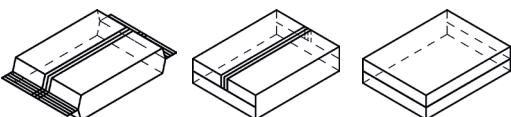




COMPLETE SOLUTIONS FOR HORIZONTAL PACKAGING IN FILM AND PAPER



OUR CAPABILITIES ACROSS FLOWPACKS,
BAGS AND SHRINK PACKS AT A GLANCE





WE PACKAGE YOUR WORLD

For over 65 years, the Hugo Beck name has been synonymous with the highest quality in horizontal packaging machines.

Today, the family-run company, now in its third generation, is a world-leading specialist in film and paper packaging solutions, flowpack machines and automation solutions, covering the range of 3,000 to 18,000 cycle-per-hour. Our comprehensive machine range handles flowpacks, bags and shrink packs, as both primary and secondary packaging.

Our machines process all film types, independent of the manufacturer. This is enhanced by various paper packaging solutions, which underline our commitment to continual

innovation in machine technology for sustainable packaging.

Add to this our expertise in automation systems and Hugo Beck machines are perfectly set to support future packaging processes, from e-commerce to IoT. Whether minimizing material use or tailoring machine solutions, we deliver flexibility and sustainability through everything we do.

By combining high-quality machine design with tailored service and maintenance packages, our solutions are built to last. Twenty years is commonplace and even after thirty years many are still in use.

FIND THE IDEAL PACKAGING FOR YOUR INDUSTRY AND APPLICATION

Our fully automatic horizontal packaging machines are used worldwide across many different sectors for a multitude of products, volumes and packaging styles.

Amongst the many industries we serve are:

- Pharmaceutical and Medical Technology
- E-Commerce and Logistics
- Food
- Confectionery
- Tissue
- Wood and Long Parts
- Fruit and Vegetables
- Household goods
- Cosmetics and Hygiene
- Beverage and Glass
- Do-It-Yourself Retail
- Print and Multimedia
- Electronics



SUSTAINABILITY

From the very beginning, we have been committed to operating in an environmentally responsible way. Working closely with our customers, we harness our technical know-how and innovative thinking to develop sustainable packaging solutions to meet not just today's, but tomorrow's requirements.

Our focus remains on creating a variety of measures to guarantee clean, energy-saving and efficient production processes in our business.

In developing innovative machine technology we aim to make packaging as resource-efficient as possible. From extremely tight packaging that minimizes the use of film to flexible machine solutions, which allow the production of film and paper packaging on just one machine or pure paper packaging machinery – we have your sustainability needs covered.

COMPLETE SOLUTIONS

Wherever you see the Hugo Beck name, you can be assured of the highest quality packaging results. To make sure of this promise, we deliver everything from one source.

State-of-the-art, in-house project planning and manufacturing processes ensure we can react to virtually all our customers' needs. We design and produce your packaging solution, either as a stand-alone system, or as a highly automated complete line – and we also safely integrate this into production environments. We provide both the hardware and software for your specific packaging application.

All packaging machines are equipped with the latest drive and control technology, mostly from Siemens or Rockwell Automation.

Any automation systems can operate as an integral part of a complete packaging solution from Hugo Beck or as a stand-alone system.

SERVICE & SUPPORT

Wherever you are, our global presence and worldwide service deliver peace of mind.

We have more than 100 qualified technicians around the world, to install machines and provide ongoing maintenance.

Operating in conjunction with customized service and maintenance packages, this comprehensive support ensures our machines deliver total reliability and availability in all production environments.

We supply a complete range of spare parts for each of our machines. The long-term availability of your Hugo Beck machine is assured, with original spare parts available even after the 10-year guarantee has expired.

SOLUTIONS PORTFOLIO

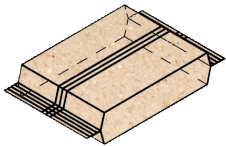
Whether you are packaging in film, paper or composite material, Hugo Beck machinery solutions are highly flexible and cost-effective. Thus, one of the most important features of our machines is their high modularity, which helps to make the impossible possible. They can be adapted to new packaging materials and varying requirements thanks to easy changeovers. Different types of film and paper can be processed on only one machine.

Our machines keep pace with the latest developments in sustainable materials. From the latest mono-material films or recycled content films to bioplastics or extremely thin packaging films each can be applied using Hugo Beck technology. Both uncoated and coated papers are processed for paper packaging.

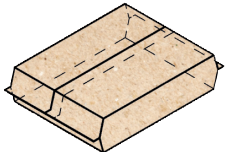
We use resource-saving machine technology that minimizes material consumption across the packaging process. Thus, only as much film or paper is used as is truly needed!

Choose the packaging type and materials that best suit your specific product application and sustainability objectives – and we'll provide the machine.

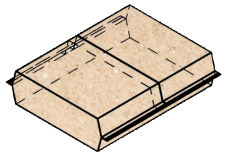
PAPER PACKAGING



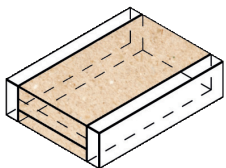
FLOWPACK WITH LONGITUDINAL SEAM ABOVE/BELOW



2 SIDES GLUED AT FRONT & REAR, TOP OVERLAP GLUED



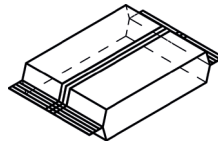
2 SIDES SEWN, TOP OVERLAP GLUED



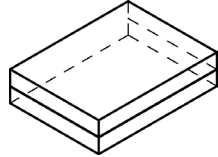
PAPER-BANDED, OVERLAP THERMO SEALED/GLUED

Further packaging styles are available

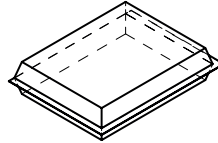
FILM PACKAGING



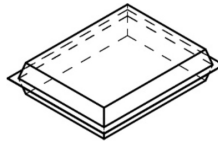
FLOWPACK WITH LONGITUDINAL SEAM ABOVE/BELOW



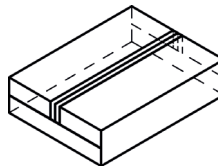
SIDE SEAL



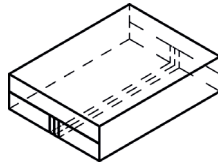
3 SIDES SEALED



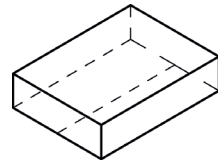
4 SIDES SEALED



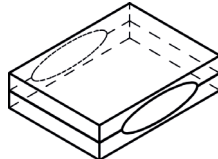
OVERLAP ON TOP



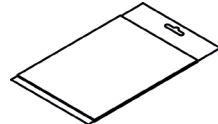
BOTTOM OVERLAP THERMO SEAL/STATIC SEAL



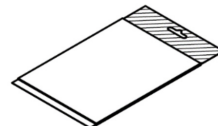
BOTTOM CUT SEAL



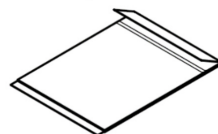
SLEEVE WRAPPING



EUROHOLE HANG PACK



HANG PACK WITH REINFORCED HEADER



RECLOSABLE BAG

FOR FILM PACKAGING WE PROCESS ALL TYPES OF FILM E.G.

- PE, PP, PO (starting at 7 µm)
- Recycled content films
- Bioplastics (e.g. PLA films)
- Composite films (e.g. Aluminium)
- Tyvek®

FOR PAPER PACKAGING WE PROCESS E.G.

- Kraft/offset/transparent/parchment paper
- Uncoated, sealed with hotmelt or sewn with yarn
- Coated with PE/PLA or dispersion coating
- Barrier paper

SOME OF OUR INDUSTRY SOLUTIONS

BESPOKE SOLUTIONS FOR PHARMACEUTICAL & MEDICAL TECHNOLOGY

While relevant for all industries, Hugo Beck's packaging and automation solutions are particularly significant for the pharmaceutical and medical technology sectors. The packaging systems used, most of which are designed as high-grade customer-specific installations, guarantee the greatest possible precision of reproduction; in other words, packaging ready for sale, right from the very first product onwards.

- High-grade customized installations
- Validation and qualification services, GMP certification
- Safe and hygienic, airtight and high-barrier packaging
- Meeting clean room specifications
- Track & Trace capability



SUSTAINABLE FILM AND PAPER PACKAGING SOLUTIONS FOR E-COMMERCE, MAIL ORDER, LOGISTICS & MORE

Whether dealing with the direct dispatch of individual goods, packing groups of products, or meeting the complex requirements of returned goods packaging for example, Hugo Beck's film and paper packaging machines for e-commerce and logistics can handle a mix of products and dimensions, all from the one machine, packaging each product with the minimum material required. Thanks to features such as the integration of labeling and printing units alongside controllers with connections to client-side ERP systems – everything is possible.

- Minimal film and paper use in the packaging process
- Automatic adaptation of the shipping bag size to varying product dimensions in length and width
- Optimized user-friendliness and accessibility



CONFECTIONERY & MORE: PERFECT PACKAGING APPEARANCE AND PRODUCT PRESENTATION

Perfect product presentation at the point of sale is our strength. Thanks to our extremely tight packaging with an absolutely precise fit of the film and hardly any film waste during production, we achieve superior packaging results for confectionery and other goods, delivering an appearance of unequalled excellence. This high quality is so far unique in the field of film packaging.

- High quality, extremely tight packaging with minimum use of resources
- Maximum machine uptime
- High packaging speeds of up to 18,000 cycles/h
- Wide range of packaging types and films processed





servo X

servo X machines are available in five performance ranges and numerous variants. Whether chain infeed or infeed conveyor, the machines win over with their continuous packaging process and no stop-and-go.

Film	centre-folded and flat film, e.g. PE, PO, PP, bio films, recycled content films
Product size	L: from 45 mm, W: 10 – 450 mm, H: max. 250 mm
Capacity	Five performance classes up to 15,000 cycles/h

servo X e-com (fit)

The **servo X e-com** is designed for e-commerce featuring automatic adaptation to the product's length as standard. The **servo X e-com fit** also adjusts the bag size to the product's width. Both machines are also suitable for returns packaging.

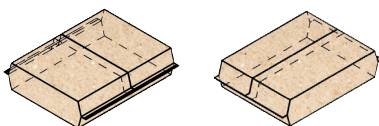
Film	Upper/lower film: e.g. PE flat film 30 – 100 µm, recycled content films
Product size	L: 100 – 600 mm, W: 150 – 500 mm, H: max. 200 mm
Capacity	servo X e-com: approx. 3,000 cycles/h servo X e-com fit: approx. 1,800 cycles/h



paper e-com fit

The bags with two sewn sides are automatically adapted to the varying product dimensions in length and width. Storing paper rolls of two different widths enables reduced paper use.

Paper	uncoated and coated of approx. 80 g/m ² to 140 g/m ²
Product size	L: approx. 80 – 525 mm, W: approx. 80 – 675 mm, H: max. 200 mm
Capacity	approx. 600 cycles/h



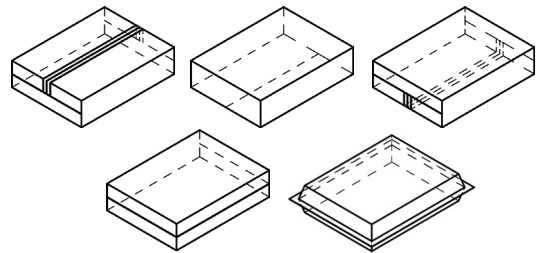
CONTINUOUS FORM FILL AND SEAL MACHINES FOR FILM

Need a high-end all-rounder? Our servo X machines cover the broadest possible range of horizontal film packaging applications for various industries – and all this with maximum modularity. The machines can be configured individually and thus meet all requirements for the desired performance or type of packaging. The machines feature cut sealing on the side or bottom, overlap at the top or bottom, with or without sealing/ionisation. Apart from high performance, extremely tight bag packaging with lowest possible material use and optimum processing of the most diverse of film thickness and film types is guaranteed.

servo X 800

The servo X 800 are the most flexible and powerful of film packaging machines for large-format products with a width of up to 800 mm and a length from 150 mm.

Film	centre-folded and flat film, e.g. PE, PO, PP, bio films, recycled content films
Product size	L: from 150 mm, W: 150 – 800 mm, H: max. 450 mm
Capacity	up to 5,000 cycles/h



PAPER PACKAGING MACHINES

When you opt to use paper to pack your products, Hugo Beck's machine solutions allow bags to be produced from both uncoated and coated recyclable papers. Our paper packaging machines are ideal for e-commerce applications producing shipping bags either with two sewn or glued sides and top overlap. All machines are designed to pack goods with a minimum use of paper.

paper X e-com

The bags with two glued sides are automatically adapted to the product's length.

Paper	uncoated and coated of approx. 60 g/m ² to 120 g/m ²
Product size	L: from 50 mm, W: 100 – 250 mm, H: max. 100 mm
Capacity	approx. 3,000 cycles/h

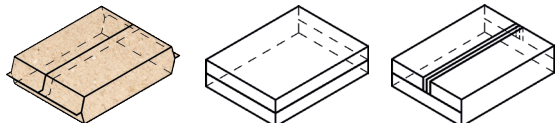
paper X

This machine type is suitable for packing goods of the same size.

Paper	uncoated and coated of approx. 60 g/m ² to 120 g/m ²
Product size	L: from 100 mm, W: max. 330 mm, H: max. 50 mm
Capacity	3,000 – 12,000 cycles/h

HYBRID MACHINES

Film or paper? Stay flexible! Our continuous hybrid machines are designed to enable fast, effective switching between materials to future-proof your investment. A simple changeover ensures you are ready for the new product and the new packaging material. The **paper X hybrid** features paper and film packaging with overlap on top. The **paper X hybrid advance** features paper and film packaging with overlap on top and side seal.



paper X hybrid (advance)

Film	centre-folded and flat film, e.g. PE, PO, PP, bio films, recycled content films
Paper	uncoated and coated of approx. 60 g/m ² to 120 g/m ²
Product sizes	film: L: from 45 mm, W: max. 450 mm, H: max. 80 mm paper: L: from 100 mm, W: max. 330 mm, H: max. 50 mm
Capacity	film: up to 15,000 cycles/h paper: 3,000 – 12,000 cycles/h

FLOWPACK MACHINES

Fully automatic flowpack machines are available either for high-speed applications or airtight packaging requirements as well as for paper packaging. The machines feature either rotating or box motion transversal sealing units, with selection of a longitudinal seam either above or below. Each machine can be combined with a wide range of feed systems, such as finger conveyor chains or infeed belts. Our flowpack machines are also available as hygienically designed versions. They enable optimum processing of the most diverse of film thickness and film types as well as coated paper.



flowpack R

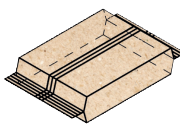
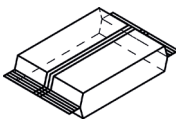
The rotary flowpack R machine achieves very high speeds and offers an extremely compact design. Reproducible results are guaranteed from the very first pack.

Film/Paper	e.g. PP, composite films, Tyvek®, coated paper
Product size	L: from 45 mm, W: 10 – 250 mm, H: max. 80 mm
Capacity	up to 18,000 cycles/h

flowpack X

The continuous flowpack X machine delivers 100% airtight film packaging, seamless traceability and reproducible results from the very first pack. It is also suitable for paper packaging.

Film/Paper	e.g. PP, composite films, Tyvek®, coated paper
Product size	L: from 45 mm, W: 10 – 450 mm, H: max. 200 mm
Capacity	up to 12,000 cycles/h



AUTOMATION

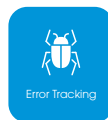
We offer support throughout the entire automation process, from project planning and manufacture right through to integration into complex packaging lines.

Handling systems (including portals, grouping solutions, stacking and counting devices, and cross pushers) are integrated reliably into the packaging solutions by our technicians.

Furthermore, we offer various **robot systems** for the automated feeding of products – delivered fully integrated according to each customer's needs.

INDUSTRY 4.0

Bring the fourth industrial revolution to your machinery, by monitoring your production effectively to constantly improve your productivity. The **Hugo Beck Cockpit** will record, store and analyse production and operating data from your machines. Production results, material consumption and effectiveness of the machines are documented and evaluated to help you manage your packaging as an integral part of your manufacturing process.





TOGETHER, WE WILL FIND THE IDEAL PACKAGING SOLUTION FOR YOUR PRODUCTS

Since 1955, we have dedicated ourselves to the value of packaging in protecting, enhancing and securing products. We work in close partnership with customers and believe this approach benefits us all. The satisfaction of our customers has always been – and will continue to be – our absolute priority.



How to contact us

The appropriate contact in our company or one of our sales partners around the world can be found here.



Hugo Beck Maschinenbau GmbH & Co. KG
Daimlerstrasse 26 – 32, 72581 Dettingen/Erms, Germany

Phone: +49 7123 7208 0
E-mail: info@hugobeck.de
www.hugobeck.com

